Test plan

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# Test cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-condition | Test data | Expected result |
| TC-01 | UC-01 | Create a tournament with valid data | Actor needs to be in the desktop application | Description: Badminton tournament  Start date: 02.08.2022  End date: 11.08.2022  Location:  Sport centre  Minimum players: 5  Maximum players: 20  Sport type: Badminton  Tournament system: Round-robin | Conformation of successful creation of a tournament, displaying of the tournament in the list with all the others |
| TC-02 | UC-01 | Create a tournament with invalid data | Actor needs to be in the desktop application | Description: Badminton tournament  Start date: 02.08.2021  End date: 11.08.2021  Location:  Sport centre  Minimum players: 1  Maximum players: 1  Sport type: Badminton  Tournament system: Round-robin | Invalid data message is shown, and the creation of a new tournament is not successful |
| TC-03 | UC-02 | Editing tournament information with valid data | Actor needs to be in the desktop application | Tournament: Badminton tournament (created by the tester)  Start date: 27.07.2022  End date: 28.07.2022  Minimum number of players: 2  Maximum number of players: 30  Title: Badminton finals | Confirmation for successful editing of the tournament data and update of the list with tournaments (every time the tournament is selected the edited info is displayed) |
| TC-04 | UC-02 | Editing tournament information with invalid data | Actor needs to be in the desktop application | Tournament: Badminton finals (created by the tester)  Start date: 12.05.2021  End date: 11.04.2021  Minimum number of players: 1  Maximum number of players: 1 | Invalid data message is shown |
| TC-05 | UC-03 | Cancelling a valid tournament | Actor needs to be in the desktop application | Tournament:  ID6: Finals | Confirmation for successful cancelling of the tournament (Filtered results show the tournament is cancelled) |
| TC-06 | UC-03 | Cancelling an invalid tournament | Actor needs to be in the desktop application | Tournament:  ID4: Tournament | Unsuccessful cancelling of the tournament (Filtered results show the tournament is not cancelled) |
| TC-07 | UC-05 | Closing a valid tournament for registration | Actor needs to be in the desktop application | Tournament:  ID7: Tournament | Successful closing (Filtering by status shows the result) |
| TC-08 | UC-05 | Closing an invalid tournament for registration | Actor needs to be in the desktop application | Tournament:  ID3: Tournament | Unsuccessful closing (Filtering by status shows the result) |
| TC-09 | UC-06 | Generating a schedule for a valid tournament | Actor needs to be in the desktop application | Tournament:  ID:7 Tournament | Successful generating of a tournament schedule (Check expected outcomes - 01) |
| TC-10 | UC-06 | Generating a schedule for an invalid tournament | Actor needs to be in the desktop application | Tournament: Badminton finals (created by the tester) | Unsuccessful generating of a schedule |
| TC-11 | UC-07 | Registering valid results of matches | Actor needs to be in the desktop application | Tournament: Badminton finals (created by the tester)  Round: 1  Game: 1  Match results: 22 & 23 | Invalid data message is shown |
| TC-12 | UC-07 | Registering invalid results of matches | Actor needs to be in the desktop application | Tournament: Badminton finals (created by the tester)  Round: 1  Game: 1  Match results: 22 & 24  Round: 2  Game: 1  Match results: 26 & 28  Round: 2  Game: 2  Match results: 21 & 13  Round: 3  Game: 1  Match results: 20 & 22 | Confirmation for successful registration of the results of the players and (Check expected outcomes - 02) |
| TC-13 | UC-04 | Deleting a valid tournament | Actor needs to be in the desktop application | Tournament: Badminton finals (created by the tester) | Confirmation for successful deletion (Searching by the id shows no results) |
| TC-14 | UC-04 | Deleting an invalid tournament | Actor needs to be in the desktop application | Tournament: ID4: Tournament | Unsuccessful deletion (Searching by id displays results) |
| TC-15 | UC-08 | Filtering tournament according to the status | Actor needs to be in the desktop application | Filter: Scheduled | The tournament the user generated the schedule for (ID:7 Tournament) |
| TC-16 | UC-09 | Filter tournaments by id: | Actor needs to be in the desktop application | Filter: 7 | ID:7 Tournament |
| TC-17 | UC-09 | Filter tournaments by partial name | Actor needs to be in the desktop application | Filter: “tourn” | All tournaments that contain the partial name are shown |
| TC-18 | UC-10 | Creating an account with valid information | Actor needs to be in the web application | Name: Vanq  Email: [vanq@abv.bg](mailto:vanq@abv.bg)  Phone: +359 878281238  Password: 1234  Address: Marconilaan 57 | Redirection to the log in page |
| TC-19 | UC-10 | Creating an account with invalid information | Actor needs to be in the web application | Name: Petq  Email: [petqabv.bg](mailto:vanq@abv.bg)  Phone: +359 878281238  Password: 1234  Address: Marconilaan 48 | Warning messages |
| TC-20 | UC-11 | Log in with valid credentials | Actor needs to be in the web application | Password: 1234  Email: [vanq@abv.bg](mailto:vanq@abv.bg) | Successful log in |
| TC-21 | UC-11 | Log in with invalid credentials | Actor needs to be in the web application | Password: 1111  Email: vanq@gmail.com | Unsuccessful log in |
| TC-22 | UC-12 | Register for a tournament | Actor needs to be in logged the web application | Tournament:  ID:3 Tournament | Successful registration |
| TC-23 | UC-12 | Register for a tournament more than once | Actor needs to be logged in the web application | Tournament:  ID:3 Tournament | Warning message |
| TC-24 | UC-13 | Changing personal information | Actor must be logged in the web application | Password: 1111  Email: vanq@gmail.com | Confirmation message (log out and log in with the new credentials) |
| TC-25 | UC-13 | Changing personal information with invalid data | Actor must be logged in the web application | Email: vanqgmail.com | Unsuccessful update and warning message |

# Expected outcomes

## 01: Generating schedule for a tournament:

Round 1 Game 1 Player one: 1 Player two: 4

Round 2 Game 1 Player one: 14 Player two: 9

Round 2 Game 2 Player one: 1 Player two: Unknown player

Round 3 Game 1 Player one: Unknown player Player two: Unknown player

## 02: Saving results:

Round 1 Game 1 Player one: 1 Player two: 4

Round 2 Game 1 Player one: 14 Player two: 9

Round 2 Game 2 Player one: 1 Player two: 4

Round 3 Game 1 Player one: 9 Player two: 1